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Set      Items    Description
S1        1701    AU=(WHITE N? OR WHITE, N?)
S2      588947    OFFER? OR BID OR BIDS OR OPTION? OR BIDDING OR PROFFER? OR
                  SOLICIT?
S3       97797    S2 AND (PUBLISH? OR POST OR PUBLIC? OR TRANSMIT? OR DISPLA-
                  Y?)
S4       21296    S3  AND (AUCTION? OR BUY? OR SELL? OR PUT OR CALL OR PUTS -
                  OR CALLS OR TRADE? OR EXCHANGE?  OR AUCTION?)
S5         757    (OUTSIDE? OR ADDITIONAL? OR THIRD? OR 3RD OR PRIVATE? OR E-
                  XCLUDED)(S)(DATA()ITEM? ? OR ID OR IDENTIFIER?)
S6     3539285    INFORMATION? OR DATA? OR FACTS OR RESEARCH? OR BACKGROUND?
                  OR INTELLIGENCE
S7     1572477    MATCH? OR ASSOCIAT? OR LINK? OR BIND? OR CONNECT?
S8       33823    (SECOND? OR COUNTER OR COUNTEROFFER OR COUNTERBID OR 2ND) -
                  (S) S2
S9      309080    HIDDEN? OR ANONYMOUS? OR SECRET? OR SECURE? OR MASK? OR DI-
                  SGUISE? OR PRIVATE? OR PRIVACY
S10          0    S4 AND S5 AND S8 AND S9
S11         14    S4 AND S5
S12      10182    S4 AND S6
S13        309    S12 AND S7 AND S9
S14         35    S13 AND S8
S15        309    S4 AND S6 AND S7 AND S9
S16      71483    S2(S)(AUTOMATE? OR ELECTRONIC? OR DIGITAL? OR ONLINE OR ON-
                  ()LINE? OR WWW OR WORLD()WIDE()WEB OR WEBSITE? OR WEBPAGE? OR
                  WEBBASE? OR WEB()(SITE? OR PAGE? OR BASE?))
S17        108    S16 AND S15
S18      23209    S6(6N)S9
S19         27    S17 AND S18
S20         75    S11 OR S14 OR S19
S21         75    RD (unique items)
S22         58    S21 NOT PY>1998
S23         58    S22 NOT PD>981013
S24         33    S23 AND S16
File   77:Conference Papers Index 1973-2001/Sep
          (c) 2001 Cambridge Sci Abs
File   35:Dissertation Abs Online 1861-2001/Sep
          (c) 2001 ProQuest Info&Learning
File  583:Gale Group Globalbase(TM) 1986-2001/Oct 02
          (c) 2001 The Gale Group
File    2:INSPEC 1969-2001/Sep W5
          (c) 2001 Institution of Electrical Engineers
File   65:Inside Conferences 1993-2001/Sep W5
          (c) 2001 BLDSC all rts. reserv.
File  233:Internet & Personal Comp. Abs. 1981-2001/Sep
          (c) 2001 Info. Today Inc.
File   99:Wilson Appl. Sci & Tech Abs 1983-2001/Aug
          (c) 2001 The HW Wilson Co.
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A NEEDS ASSESSMENT OF THE PROGRAMMATIC AND ENROLLMENT POTENTIAL OF A TECHNICAL EDUCATION CENTER FOR RHODE ISLAND COLLEGE

     The need for trained, technological personnel in both the **public** and
 private sectors of the Rhode Island economy has created a need as well
for appropriate instructional and technical facilites in the state. The
rapid expansion of new programs together with the inadequacy of the present
technical facilities at Rhode Island College has become an object of
concern for school and state officials. In order to plan properly for the
present and future technological and training needs of the **public** and
private sector, it was essential to conduct a needs assessment relating to
program and enrollment potential of a new technical education center for
Rhode Island College.
     The purpose of the study was to conduct a needs assessment which
would determine; (A) employment potential for Industrial/Technical
Education program graduates in the **public** and **private** sector; (B) the
program potential for Industrial/Technical Education based on both the
employability for the graduates and the populations whose needs would be
met through these programs. These needs addressed the following issues:
(1) What are the pre- and in-service training and human resource needs of
the **private** sector in the State of Rhode Island that could be serviced
through industrial/technical programs? (2) What are the pre- and in-service
needs for the **public** sector (CETA, OIC, school systems) that could be
serviced through industrial/technical programs? (3) What are the
implications for programs in industrial/technical education that could meet
the needs of personnel in the **private** and **public** sector?
     In order to **research** the pertinent **information** for the study,
three separate survey instruments were designed to gather **information**
from three different sources. The first instrument was sent to two hundred
and forty-one Rhode Island industries that employed over one hundred
people. The **second** instrument was mailed to one hundred and fifty-eight
colleges and universities that **offered** Industrial Education as a major
concentration. The third instrument was mailed to one hundred and seventeen
school-based adminstrators to assess the potential growth of enrollment in
standard industrial education programs.
     The questions in the major **data** -gathering instruments were
derived from three sources. A review of the literature dealing with
facility planning and survey design, visitations to selected Industrial
Education facilities at both the high school and college level, and
valuable **information** gathered from the state departments of education in
Rhode Island, Massachusetts and **Connecticut** .
     All **data** was tabulated and reported in chart and table form in
Chapter III: Presentation of the **Data** . It was concluded that: (1)
Industries responding to the survey reported that vacancies presently exist
for technicians and supervisors and will increase in the next five years in
the occupational clusters of Machine **Trades** , Manufacturing, Drafting,
Electronics , Facility Management and Synthetics. (2) Less than fifty
percent of the industries responding have any form of in-house training
programs for technicians and supervisors and only a small number of
industries do training on the job with all their personnel. (3) School
systems responding to the survey indicated that faculty positions for
Industrial Arts and Vocational Education teachers will decline in the next
five years in the area covered by the survey. (4) The need for
Industrial/Vocational teachers trained in Special Education will increase

over the next five years. (5) School systems in the geographical area of the survey indicated a need for in-service/professional development workshops in the area of Curriculum Development, Use of Community Resources, and Staff Development in Industrial/Vocational programs. (6) **Public** and **private** institutions of higher education **offering** industrial/technical programs that have expanded or renovated technical facilities in recent years have sustained program growth in virtually all areas. (7) Non-traditional technical programs **offered** at institutions of higher education, as a consequence of new facilities, have resulted in an increase in student enrollments and total number of graduates.

24/5/2   (Item 1 from file: 583)
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06654185
La Poste adopte Internet pour proposer ses services intZgrZs
  FRANCE: LA POSTE BETS ON E **TRADE**
La Tribune (XOT)   10 Jul 1998 p.10
Language: FRENCH

French **post** office La Poste has significant ambitions in the e-**trade** business. La Poste wants to emerge as an interface between paper communication and emails via Telepost, a service which **offers** a gateway to postal mail, Minitel, radiomessaging and mobile telephone. La Poste wants also to become a recognised actor on **electronic** communication certification. The company has co-operated with Netscape to identify and certify messages senders. La Poste has also co-operated with the Canadian **Post** Office on the PostECS **secured** **data** transmission standard. It is also in talks with various telecoms operators. By the end of 1998, La Poste, in **association** with SociZtZ GZnZrale, Caisse d'Epargne, SNCF and RATP will also test an **electronic** wallet. A card will be launched to be used at La Poste's desks, in car parks, **public** transport and underground stations.

COMPANY: LA POSTE
PRODUCT: Banking Institutions (6010); **Public** Mail & Express Services (4311); Economic Programmes (9108);
EVENT: Plant/Facilities/Equipment (44); Planning & **Information** (22);
COUNTRY: France (4FRA);

24/5/3   (Item 2 from file: 583)
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06520632
BRIEFS
  CHINA: **DATACRAFT** AWARDED DDN CONTRACT
Computerworld HK (XDP)   11 Sep 1997 P.19
Language: ENGLISH

  Datacraft China has **secured** a US$ 5 mn contract from the Chengdu **Post** and Telecommunications Administration in China. Under the agreement, **Datacraft** will formulate, develop and maintain a rapid speed **digital** **data** network (DDN) **connecting** Chengdu with other Southwest China cities. **Datacraft** will deploy Integrated **Digital** Network **Exchange** (IDNX) multiservice bandwidth managers from Network Equipment Technologies. The IDNX network integrates Frame Relay switching, ISDN and voice compression capacities. IDNX permits the cities' **post** and telecommunications covered by the DDN to **offer** advanced **data** /voice services to provincial subscribers.

COMPANY: NETWORK EQUIPMENT TECHNOLOGIES; **DATACRAFT** CHINA

PRODUCT: Wide Area Network Equipment (3661WN); Computers & Auxiliary Equip

(3573); ISDN Equipment (3661DN); Telecommunications (4810);
EVENT: Capital Expenditure (43); Use of Materials & Supplies (46);
    Contracts & Orders (61);
COUNTRY: China (9CHN);   ₀

24/5/4   (Item 3 from file: 583)
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06499772
Telstra launches $7m promotion for 'caller ID'
  AUSTRALIA: TELSTRA TO LAUNCH CND SERVICES
The Australian Financial Review (AFR)   24 Jul 1997 P.42
Language: ENGLISH

Australia-Telstra telecommunications giant is launching a new service known
as the caller number **display** (CND) in Australia by December 1997.
Meanwhile, it is committing as much as AU$ 7 mn on promotion to resolve the
 privacy issues that are **associated** with the services. CND or caller ID
will be **offered** on an **optional** basis whereby callers can stop their
number be known to the receiver. However, the Federal **Privacy**
 Commissioner urged Telstra to ensure that the **public** is adequately
educated to understand that callers who do not reveal their numbers could
have good reasons but not because they have something to hide. For
instance, teachers might not want their phone numbers to be known. As
advised by the Commissioner, Telstra should launch the new service only
when 80% of the population are appropriately aware of the nature of the
caller ID. Receiver who wish to be access to the number of the callers will
be charged fees of AU$ 5 per month. The new service is opened to anyone who
is **connected** to a **digital** **exchange** . The new service is believed to
enhance direct marketing greatly. This is because direct marketing has been
making positive progress in Australia with the help of computer **databases**
and the telephone. Caller ID would facilitate the 2 techniques to be
combined such that software can be used to **match** incoming telephone
 calls against customer **databases** . As a result, efficiency can be
enhanced as the **calls** can be transferred to the appropriate customer
service representatives. Caller ID could facilitate the businesses to keep
track of the returns on their marketing expenditure such as cost per sales
lead. Businesses will also be able to derive the calling patterns of the
 public which they can use to structure their **information** systems.
However, **privacy** advocates are concerned that businesses might make use
of the **information** to exercise manipulation for more effective marketing.

COMPANY: TELSTRA

PRODUCT: Telephone Communications (4811);
EVENT: Product Design & Development (33);
COUNTRY: Australia (9AUS);

24/5/5   (Item 4 from file: 583)
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06021122
Die **Post** -Konkurrenz im Faxgeschaeft waechst
  GERMANY: **PRIVATE** FAX SERVICES ARE CHEAPER
Handelsblatt (HT)   22/23 Jul 1994 p.11
Language: GERMAN

Companies can have their fax communication carried out at lower cost by
external service providers. More and more foreign **private** service
providers are thronging onto the German market, thus competing with DBP
Telekom. Ascom GCT GmbH, for example, which **offers** the Fax-Fastline
service, is more than 30% cheaper than DBP Telekom in fax communication
with the Far East, South America and the US. Ascom uses its own network and
those of foreign partners, e.g. the US company Sprint Inc. The USF

International subsidiary TelePassport GmbH uses the **call** -back method. Together with Ferrari **electronic** GmbH, the company developed a PC fax card. Besides TelePassport, Worldcom Telecommunication Services GmbH is the **second** US newcomer in the German market. Automatic dialling systems installed at the fax machines make a **connection** to the company's nearest computer. The article also mentions the worldwide Enhanced Fax service of AT&T and the service of British Telecom (Deutschland) GmbH, which uses its worldwide GNS **data** network.
COMPANY: DBP TELEKOM; ASCOM; ASCOM GCT; SPRINT; TELEPASSPORT; USF INTL; USF; FERRARI ELECTRONIC; WORLDCOM TELECOMMUNICATION SERVICES; AT & T; BRITISH TELECOM; BRITISH TELECOM DEUTSCHLAND

PRODUCT: Facsimile Services (4811FS);
EVENT: Marketing Procedures (24); Market & Industry News (60);
COUNTRY: Germany (4GER); United States (1USA);

 24/5/6   (Item 5 from file: 583)
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05885449
Vikay's **public   offer** 68 times subscribed
   SINGAPORE: VIKAY'S IPO DRAWS HUGE RESPONSE
Business Times (XBA)   08 Sep 1993 p.9
Language: ENGLISH

In Singapore, the initial **public   offer** (IPO) of liquid crystal **display** (LCD) maker Vikay Industrial Ltd. was the **second** highest rate for a Sesdaq IPO, with subscription rate of 68 times. Vikay had **offered** 26.25 mn new shares at 60 cents each to the **public** . It placed an additional 8.75 mn shares **privately** at 65 cents each, which were fully subscribed. Its staff and business **associates** took up only 2.65 mn shares of the 3.5 mn set aside for them. Vikay will be the first company to conduct its balloting **electronically** . For those who have made their applications through the **electronic** system, balloting begins on 8 September 1993. The firm is anticipated to have a turnover of SD 95 mn as well as pretax profit of SD 4.9 mn and after-tax profit of SD 4.2 mn.

COMPANY: VIKAY INDUSTRIAL

PRODUCT: Securities & Commodities **Exchanges** (6230); Securities Dealers (6211); Debt & Equity Securities (E5640); Semiconductor Devices (3674);
EVENT: Company Financial **Data** (80);
COUNTRY: Singapore (9SIN);

 24/5/7   (Item 6 from file: 583)
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04552501
JETFAX, INC. UNVEILS AFFORDABLE NEW PLAIN PAPER FAX, NETWORK/
   SWITZERLAND - JETFAX TO LAUNCH JETFAX IIN FAX
News Release (NREL)   2 October 1991 p1

JetFax (Menlo Park, CA) will launch its JetFax IIN network fax device at Telecom '91 and has also unveiled its JetFax Digitizer product which allows users to send Group III faxes over **private   digital   data** lines. JetFax II will also be **displayed** . JetFax IIN **offers** powerful network fax capabilities but is a simple and inexpensive alternative to dedicated fax servers. The unit **offers** 4 MB of memory. The unit **connects** to any laser printer on the network. JetFax IIN is available now. JetFax Digitizer eliminates the need for long-distance direct dialing and dedicated lines and fax signals are digitised and **transmitted** at 4800 or 9600 bps. The unit is a stand-alone device. JetFax Digitizer will be available in fourth quarter 1991.

COMPANY: JETFAX

PRODUCT: Facsimile Equipment (3662FX);
EVENT: NEW PRODUCT EXTENSION (33);
COUNTRY: Switzerland (5SWI); United States (1USA); European Free **Trade**
    Association Countries (511); North American Countries (111); NATO
     Countries (420); South East Asia Treaty Organisation (913);

  24/5/8   (Item 7 from file: 583)
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04258421
EPC-NET AVAILABLE
  SINGAPORE - EPC-NET AVAILABLE
Straits Times (STT)   1 May 1991 p40

Enterprise Promotion Centre (EPC) has launched EPC-NET, an **electronic**
 information network which **offers** instant dissemination and **exchange**
of business **information** . EPC-NET will serve the **public** and **private**
sectors and three types of **information** will be available: INFOLINK,
BULLETIN BOARD and MAILINK. INFOLINK provides an **on -line**   **information**
 retrieval service which allows users to tap **databases** on services and
products, **trade** opportunities and company profiles. MAILLINK is an
 electronic mail service and BULLETIN BOARD provides **information** on
development incentives, training programmes, govt incentives and business
events in the chamber of commerce. EPC-NET aims to reach 25k firms and
hopes to have 1k subscribers by end-1991. EPC-NET will cost SDlr10/month.

PRODUCT: Electronic Mail (4811EM); New **Databases**   (7375ND); Computer
    Services (COSV);
EVENT: COMPANIES ACTIVITIES (10);
COUNTRY: Singapore (9SIN); **Pacific Rim**   (914);

  24/5/9   (Item 8 from file: 583)
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03756254
HYUNDAI TO **CONNECT** OFFICES
  US - HYUNDAI TO **CONNECT** OFFICES
Communicationsweek International (CWI)   1 October 1990 p20
ISSN: 1042-6086

Hyundai is to **connect** 120 offices in the US by employing AT&T's virtual
 private network. TI lines will be installed in the offices by early 1991
for accessing AT&T's Software Defined Network (SDN). This is the first
phase of the company's plan to expand its network. In the **second** phase to
be completed in 1992 all the company's US dealerships will be able to **link**
 to the network. The company's offices worldwide will be **linked** via one
network by 1994. SDN **offers** voice, E-Mail services, **electronic**   **data**
 interchange, abbreviated dailling and **call**   rerouting during natural
disasters.

PRODUCT: Cars (3711CA); **Data** Communications (4811DC); Electronic Data
    Interchange (4811ED); Electronic Mail (4811EM); Public Networks (4811PN
); Value Added Networks (4840VA);
EVENT: PLANT/FACILITIES/EQUIPMENT (44);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia
    Treaty Organisation (913);

  24/5/10   (Item 9 from file: 583)
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03362239
RNET **OFFERS** **PRIVATE** NETWORKING SYSTEM
  US - RNET **OFFERS** **PRIVATE** NETWORKING SYSTEM
Telephony (TLY)   19 February 1990 p40
ISSN: 0040-2656

RNET **offers** **private** networks its switching system for **data** , voice and
fax on sub-T1 **digital** circuits, and for **linking** low-and mid- range
traffic locations. Packet switching, **call** processing, nodal multiplexers
and central network management are included, and channels are
interconnectable. Each 64-kbit/sec circuit allows up to 10 conversations,
and bandwidth is allocated only when **transmitting** **data** packets. Cost of
the switch, network control system and each node is respectively
USDlr45k-USDlr85k, USDlr22,500-USDlr33,750 and USDlr14k-USDlr35k.

PRODUCT: Local Area Network Equip (3661LA); **Public** Switches (3661PS);
    Facsimile Equipment (3662FX); Data Communications (4811DC); Facsimile
    Services (4811FS); Local Area Networks (4811LA);
EVENT: PRODUCTS, PROCESSES & SERVICES (30);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia
    Treaty Organisation (913);

 24/5/11   (Item 10 from file: 583)
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02840278
CITIBANK LAUNCHES TRANSAXIS
  UK - CITIBANK LAUNCHES TRANSAXIS
Cash Management News (CMN)   0 May 1989 p3-4

Citicorp Investment Bank (US) is introducing Trans Axis for money market
instruments following the launch of its Currency **Trader** products in
Europe 12 months ago which made it possible for the Treasurer to make small
SX deals **electronically** . The Trans Axis like the Currency **Trader** was
first introduced in the US as US Instruments three years ago. The system
has been redeveloped to **offer** a range of short term instruments both in
Citicorp's Central London trading rooms and runs from a host computer in
New York. The Trans Axis system is also to be marketed throughout Europe in
parallel with the US system which will position it for worldwide trading.
The Trans Axis system is an **online** system which operates on a PC or dumb
terminal with modem and telephone line. Connection is made via a local
phone **call** giving access to Citicorp's **privately** owned worldwide
network. The system **offers** investment choices including Treasury Deals,
Certificates of Deposit and Commercial Paper. For security reasons the
system requires a User **ID** and password for access and data is
 transmitted encrypted to increase security.
PRODUCT: Electronic Financial Services Sys (3573EF);
EVENT: COMPANIES ACTIVITIES (10);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);
    South East Asia Treaty Organisation (913);

 24/5/12   (Item 11 from file: 583)
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02510402
CASE **DATATEL** LAUNCHES HIGH PERFORMANCE X.25 PACKET SWITCH
  US - CASE **DATATEL** LAUNCHES HIGH PERFORMANCE X.25 PACKET SWITCH
Telephony (TLY)   6 February 1989 p54
ISSN: 0040-2656

Case/ **Datatel** has launched the PSX8500 high-performance X.25 packet
switch. It has throughput of 1,312 switched packets/s and operates as a
primary node in a **private** X.25 **data** network. It **offers** **call**
 barring, reverse charging, **on** -**line** help screen, load balancing and

front group capability. It will support X.25 intranetwork traffic and will
function as a gateway to **public** networks. It will also provide **links**
 for host X.25 and PADS interfaces. It costs from USDlr21.5k.

PRODUCT: **Public** Switches (3661PS);
EVENT: PRODUCTS, PROCESSES & SERVICES (30);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia
    Treaty Organisation (913);

 24/5/13   (Item 12 from file: 583)
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02106201
REVIEW OF INTERNATIONAL COMPANY DATA BASES
 US - REVIEW OF INTERNATIONAL COMPANY DATA BASES
Online Finance (OLF)   0 August 1988 p7

A 3-page article reviews the availability of international company
databases in US. The services covered are: Copmark containing financial
profiles of more than 9k **publicly** - held and 35k **private** corporations.
The database is produced by Citishare and Standard & Poor and includes SIC
codes. Corporate Affiliations, produced by National Register **Publishing**
and on Dialog, contains financial and descriptive data on over 42.7k
companies. Dun's **Electronic** Yellow Pages-Construction Directory is on
Dialog and **offers** descriptive and mailing information on more than 622k
construction agencies and contractors. Dun's **Electronic** Yellow
Pages-Financial Services Directory consists of descriptive and mailing
information on over 411k financial services providers in US. Dun's
 Electronic Yellow Pages **offers** basic descriptions of manufacturers,
retailers, wholesalers, services and professionals. Dun's Market
 Identifier includes up-to-date information on 2 mil **private** and **public**
 companies with 10 or more employees or sales over USDlr1 mil. Duns' 'The
Reference Book of Corporate Management' includes Bibliographic information
on around 78k executives. Dun & Bradstreet's International Directory
contains information on more than 160k **private** and **public** US companies
with net value over USDlr500k. Disclosure **Online** contains information on
some 12k **publicly** -owned companies filing information with Securities and
 Exchange Commission. The database is provided by IP Sharp, ADP, Mead,
Dialog, Dow Jones, Compuserv, VU/Text, Warner and Quotron. MBenet has
references to more than 20k businesses certified by the National Minority
Supply Development Council as minority- owned. Moody's Corporate Profile
has information on over 3.6k **publicly** - held US companies and is on
Dialog. PTS Annual Reports Abstracts produced by Predicasts contains
information on more than 40k companies. It is distributed on Data-star,
Dialog and BRS. Spectrum Ownership Profiles of CDA Investment Technologies
 offers ownership information on 6k **publicly** -held corporations. Standard
& Poor's General Information Profile contains descriptive information on
more than 3k major US corporations. S&P also **offers** Register-Corporate
database with descriptive information on around 45k corporations. The
Thomas Register on Dialog gives information on 123k US manufacturers and
providers of services. The database has more than 50k product
classifications and 103k **trade** marks or brands. The Trinet Company
Database provides information on around 250k manufacturing and
non-manufacturing companies with more than 20 employees.
PRODUCT: Directories (7375DC); Computer Services (COSV);
EVENT: MARKET & INDUSTRY NEWS (60);
COUNTRY: Earth - Planet (0W); United States (1USA); NATO Countries (420);
    South East Asia Treaty Organisation (913);

 24/5/14   (Item 13 from file: 583)
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01922366
THOMSON CSF INSTALLS **PRIVATE** INTEGRATED SERVICES NETWORK

FRANCE - THOMSON CSF INSTALLS **PRIVATE** INTEGRATED SERVICES NETWORK
Zero Un Informatique (ZI)   24 May 1988   p18
ISSN: 0398-1169
Language: French

Thomson-CSF Telephone, subsidiary of Alcatel is developing its Opus 4000, a
private integrated services network. It has voice messaging and
electronic mail complying to X.400 and will **transmit** **data** at 1Mbit/s.
The company foresees **transmitting** **data** at 10Mbit/s. The network has
been developed for the past year and **offers** different sites communication
facilities which to date could only be used via local **exchanges** . The
network was set up according to the D protocol so allowing it to be
connected to the ISDN network.

PRODUCT: **Data** Services (4811DS); Private Telephone Systems (4811PE);
     Public Networks (4811PN); Packet Switching (4811PS);
EVENT: COMPANIES ACTIVITIES (10);
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European
     Economic Community Countries (419); NATO Countries (420); South East
     Asia Treaty Organisation (913);

 24/5/15   (Item 14 from file: 583)
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01370484
TELEFONICA INSTALLS CENTREX SERVICE
  SPAIN - TELEFONICA INSTALLS CENTREX SERVICE
Telecommunications (TLS)   0 September 1987 p20
ISSN: 0040-2494

Telefonica has announced plans to install its first Centrex **digital**
switching system in Madrid in Oct 1987, based on Axe 10 technology. The
2000-line **exchange** will function initially over analogue lines and **offer**
 simple closed-user-group functions with expansion to a fully **digital**
 service in 1989. Telefonica will market **digital** Centrex as part of a
wider virtual **private** network strategy using Ibercom at 64k bps and 2m
bps. Amper is considering the introduction of a **Linkline** network similar
to that operated by British Telecom.*

PRODUCT: **Data** Communications Equipment (3661DC); Public Switches (3661PS
); Communications (4800); Data Communications (4811DC); Private Telephone
     Systems (4811PE); Public Telephone Systems (4811PT); Telecom
     Installations (4811TI);
EVENT: PLANT/FACILITIES/EQUIPMENT (44);
COUNTRY: Spain (4SPA); OECD Europe (415); European Economic Community
     Countries (419); NATO Countries (420);

 24/5/16   (Item 15 from file: 583)
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00576446
C&W WINS TELECOMMUNICATIONS CONTRACT
  CHINA - C&W WINS TELECOMMUNICATIONS CONTRACT
Financial Times (C) 1991 (FT)   15 October 1986 p8

Cable & Wireless has won a contract for modernisation of the Chinese
telecommunications network in the Yangtze delta. Details will be released
today, but it is understood that C&W will be **offering** technical help and
 information to set up a microwave network **linking** 20 cities. Details of
a project in Pearl River area are also expected to be released. Plessey has
confirmed that it is negotiating two Chinese JVs, one for **private**
 digital telephone **exchanges** , the **second** for opti- **electronic**
 transmission equipment.
Copyright: Financial Times Ltd 1991

PRODUCT: **Public** Switches (3661PS); Data Communications (4811DC); Public
    Telephone Systems (4811PT); Telecom Installations (4811TI); Paging
    Services (4838PG);
EVENT: CONTRACTS & ORDERS (61);
COUNTRY: China (9CHN);

24/5/17   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
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5994387   INSPEC Abstract Number: C9809-7140-150
 Title: **Adoption of security and confidentiality features in an operational
community health** information **network. The Comox Valley experience-case
example**
   Author(s): Moehr, J.R.; McDaniel, J.G.
   Author Affiliation: Sch. of Health Inf. Sci., Victoria Univ., BC, Canada
   Journal: International Journal of Medical Informatics Conference Title:
Int. J. Med. Inform. (Ireland)   vol.49, no.1   p.81-7
   Publisher: Elsevier,
   Publication Date: March 1998 Country of Publication: Ireland
   CODEN: IJMIF4   ISSN: 1386-5056
   SICI: 1386-5056(199803)49:1L.81:ASCF;1-O
   Material Identity Number: G133-98004
   U.S. Copyright Clearance Center Code: 1386-5056/98/$19.00
   Conference Title: Common Security Solutions for Communicating Patient
Data. IMIA Working Group 4 Working Conference
   Conference Date: 22-25 Nov. 1997   Conference Location: Osaka/Kobe,
Japan
   Document Number: S1386-5056(98)00014-8
   Language: English   Document Type: Conference Paper (PA); Journal Paper
(JP)
   Treatment: Practical (P)

   Abstract: Since 1993, a budding community health **information** network
(CHIN) has been in operation in the Comox Valley in Canada. A general
hospital and three multi-doctor clinics are **linked   electronically** . The
clinics operate via a comprehensive clinic **information** system. The **link**
 is provided by RSALink, a commercial message **exchange** service, based on
Health **Link** (J.G. McDaniel et al., 1994). Health **Link** is a highly
adaptable message **exchange** service with rich functionality. Despite this,
the system is used exclusively to receive laboratory results **transmitted**
by the hospital's laboratory system (RSAStat). The results are deposited in
the patient **database** of a commercial clinic **information** system
(CliniCare). This case is instructive because the users.' selection of
services available through Health **Link** allows us to observe the
preferences in this sophisticated environment. Laboratory **data**
transmission is appreciated as highly beneficial. The reliability, security
and ample **privacy** protection and authentication features of Health **Link**
, in contrast, are used in a black box mode and are not consciously
exploited. This is consistent with our experience of the use of other
systems which have operated for a substantial time, essentially without
serious protection features. Our experience suggests that security and
confidentiality features are exploited only to the extent that they do not
require additional effort or conscientious intervention. This **puts** the
system provider in the difficult position of either **offering** interactive
systems that nobody will use, or providing **automated** features that nobody
is aware of and that are therefore not used to full advantage-if at all. (
11 Refs)
   Subfile: C
   Descriptors: **data   privacy** ; **information** networks; medical
information systems; security of **data**
   Identifiers: confidentiality features; operational community health
information network; Comox Valley experience; case example; CHIN;
multi-doctor clinics; comprehensive clinic **information** system; RSALink;
commercial message **exchange** service; Health **Link** ; message **exchange**
service; laboratory results; laboratory system; RSAStat; patient **database**
; commercial clinic **information** system; CliniCare; laboratory **data**

transmission; **privacy** protection; authentication features; black box mode
; security; interactive systems; automated features
   Class Codes: C7140 (Medical administration); C7210 (Information
services and centres); C5620W (Other computer networks); C0310D (Computer
installation management); C0230 (Economic, social and political aspects of
computing); C6130S (Data security)
   Copyright 1998, IEE

   24/5/18   (Item 2 from file: 2)

5919169   INSPEC Abstract Number: B9806-6210L-107, C9806-5620L-034
   Title: ISDN LAN access: remote access security and user profile management
   Author(s): Posch, R.; Leitold, H.; Pucher, F.
   Author Affiliation: Inst. for Appl. Inf. Process. & Commun., Univ. of
Technol. Graz, Austria
   Conference Title: Communications and Multimedia Security II. Proceedings
of the IFIP TC6/TC11 International Conference   p.222-33
   Editor(s): Horster, P.
   Publisher: Chapman & Hall, London, UK
   Publication Date: 1996 Country of Publication: UK   vi+314 pp.
   ISBN: 0 412 79780 1   Material Identity Number: XX96-02452
   Conference Title: Proceedings of International Working Conference on
Communication and Multimedia Security
   Conference Date: 23-24 Sept. 1996   Conference Location: Essen, Germany
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)
   Abstract: Extending local area networks (LANs) to the home is an
important area of today's communication technology. Due to its global
availability, making use of services **offered** by **public**
telecommunication infrastructure gives a high connectivity and flexibility.
There are different types of global infrastructure available to build such
a remote access environment: **Public** switched telephone network (PSTN)
using modems and wireless cellular radio systems like groupe special mobile
(GSM) are used. However, integrated services **digital** network (ISDN) will
replace modem lines due to its higher bandwidth and more adequate
embedding. Such a heterogeneous remote access scheme needs enhanced access
and traffic control. This paper demonstrates a router-based solution for
enhanced ISDN **call** management. One of the main advantages is the
separation of a strategic module which defines the behavior. However, using
dial up lines to access LANs requires **additional** access control and user
authentication. As the user profiles may vary widely, a remote access
security policy is introduced, which has to deal with binding the user's
access rights to the user profile. This security system is based on an
information filtering scheme, which is controlled by the authenticated
security servers. The authentication algorithm is interchangeable and
different authentication methods can be used simultaneously. These can
range from simple password-based schemes for low privileged guest profiles
to cryptographic methods like zero knowledge authentication using secure
 ID cards for high privileged remote access profiles. Previews of future,
connection oriented remote access schemes like asynchronous transfer mode-
(ATM) based broadband ISDN (B-ISDN) are given. (17 Refs)
   Subfile: B C
   Descriptors: cryptography; ISDN; local area networks
   Identifiers: ISDN LAN access; remote access security; user profile
management; **public** telecommunication infrastructure; **public** switched
telephone network; modems; wireless cellular radio systems; groupe special
mobile; router-based solution; user authentication; remote access security
policy; information filtering scheme; cryptographic methods; zero knowledge
authentication; secure ID cards; asynchronous transfer mode; B-ISDN
   Class Codes: B6210L (Computer communications); B6210M (ISDN); C5620L (
Local area networks); C6130S (Data security)
   Copyright 1998, IEE

   24/5/19   (Item 3 from file: 2)

5050500   INSPEC Abstract Number: B9510-6210M-040
  **Title: The   impact   of   national   ISDN   on   commercial   and   tactical
communications**
  Author(s): Ramsey, J.
  Author Affiliation: Booz, Allen & Hamilton Inc., USA
  Conference   Title: Proceedings   of   the   1994   Tactical   Communications
Conference.   Volume   One.   Digital Technology for the Tactical Communicator
(Cat. No.94TH0678-3)   p.311-16
  Publisher: IEEE, New York, NY, USA
  Publication Date: 1994 Country of Publication: USA   xxii+519 pp.
  ISBN: 0 7803 2004 2
  U.S. Copyright Clearancè Center Code: 0 7803 2004 2/94/$4.00
  Conference   Title: Proceedings   of   TCC'94   -   Tactical   Communications
Conference
  Conference Sponsor: Adv. Res. Projects Agency
  Conference   Date: 10-12 May 1994   Conference Location: Fort Wayne, IN,
USA
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Applications (A)

  Abstract: The   objectives   of   a   national   integrated services **digital**
network   (NISDN)   are   shared by both government and industry. Industry has
adopted   a set of specifications developed by Bellcore, known as NISDN-1 to
allow ISDN services and features to operate transparently among switches of
different   models or manufacturers. ISDN provides multiple services such as
voice,   **data**   ,   video, and graphics, on demand, on the existing telephone
wiring we use today. With the recent launch of NISDN-1, the local **exchange**
 networks   collectively   have   22 NISDN-1 switches in the United States and
Canada   equipped with Common Channel Signaling System 7 (CCSS7) and 64 kb/s
clear   channel   capability.   Each   switch   is   **connected**   to at least one
interexchange carrier network for voice and circuit switched **data** , and at
least one interexchange carrier for packet **data** . Tactical users must have
an   **information**   system   that   is   flexible,   mobile,   **secure**   and often
rugged.   It must provide timely, accurate **information** . NISDN is currently
addressing   these   requirements   in   the   commercial   market   place. As the
industry   direction   of   NISDN   develops,   it should be recognized that the
 public   switched   telephone   network   (PSTN)   is   evolving from a circuit
switched   fixed   bandwidth   toward   a packet switched network with flexible
bandwidth.   As   its various network components (including NISDN) transition
to   an   end-to-end   **digital**   network, users and service providers will be
increasingly able to access, develop, and **offer** new types of services and
applications   that   will   benefit   both   commercial   and   government
communications.   (6 Refs)
  Subfile: B
  Descriptors: circuit switching; ISDN; military communication; packet
switching; switching networks; telecommunication signalling; telephone
networks
  Identifiers: national ISDN; tactical communications; commercial
communications; national integrated services digital network; industry;
Bellcore; NISDN-1; **public** switched telephone network; PSTN; packet
switched network; government communications; local **exchange** networks;
NISDN-1 switches; United States; Canada; Common Channel Signaling System 7;
CCSS7; interexchange carrier net; circuit switched **data** ; packet **data** ;
64 kbit/s
  Class Codes: B6210M (ISDN)
  Numerical Indexing: bit rate 6.4E+04 bit/s
  Copyright 1995, IEE

 24/5/20   (Item 4 from file: 2)

03339372   INSPEC Abstract Number: B89025694
 Title: The British Steel Corporation's integrated digital network
  Author(s): Kaye, A.J.

Author Affiliation: British Steel Corp., London, UK
Conference Title: ISDN 88: Proceedings of the International Conference
p.133-43
Publisher: Blenheim Online, Pinner, UK
Publication Date: 1988   Country of Publication: UK   x+354 pp.
ISBN: 0 86353 138 5
Conference Date: June 1988   Conference Location: London, UK
Language: English   Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: The British Steel Corporation has been operating a large,
private   speech network, as part of the BSC Corporate telecommunications
system, since 1978. The speech network **offers** desk-to-desk dialling
across the Corporation giving considerable cost, quality and reliability
benefits over the **public** network alternative. BSC has decided to
modernise the speech network to take advantage of the latest technological
advances, and the relaxation in the regulatory regime. The new system will
be based on a trunk transit network of **digital** tandem switches
interconnected by 2 Mbps **digital** transmission **links** . The network will
use DPNSS signalling, and will be **connected** to the British Telecom
public   ISDN by multi-line IDA channels at each major network node. The
system design will conform to the OFTEL 'Network Code of Practice' so that
the long-distance element of **public** network **calls** can be carried by the
BSC **private**   network. The system will carry some **data** traffic at 64
Kbps. (0 Refs)
Subfile: B
Descriptors: ISDN; signalling (telecommunication networks); telephone
networks; voice communication
Identifiers: British Steel Corporation; **private** speech network; BSC
Corporate telecommunications system; desk-to-desk dialling; trunk transit
network; digital tandem switches; digital transmission **links** ; signalling;
British Telecom **public** ISDN; 2 Mbit/s; 64 kbit/s
Class Codes: B6210M (ISDN); B6210D (Telephony)
Numerical Indexing: bit rate 2.0E+06 bit/s; bit rate 6.4E+04 bit/s

24/5/21   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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03295786   INSPEC Abstract Number: B89010820
Title: Gateways to WANS: a network solution
Author(s): Evans, S.
Author Affiliation: Timeplex Inc., Wooddiff Lake, NJ, USA
Journal: Telephony   vol.215, no.19   p.66, 68, 70, 71
Publication Date: 7 Nov. 1988 Country of Publication: USA
CODEN: TLPNAS ISSN: 0040-2656
Language: English   Document Type: Journal Paper (JP)
Treatment: Applications (A); Practical (P)

Abstract: By using intelligent gateways Local **Exchange** Carriers (LEC)
can **offer**   customers inter-local access and transport and (LATA)
networking without violating existing cross-LATA service restrictions.
Networks planned around primary and **secondary** sites within the LATA
provide a grooming and switching point where LEC-based services are
connected   to IXC facilities. This flexible networking scenario allows
private networks access to the **public** network at the primary sites.
Central to the idea is the integrated network node (INN). The INN provides
access to **digital** cross- **connect** systems, including basic **digital**
data services, subrate **data** multiplexing and ISDN. (0 Refs)
Subfile: B
Descriptors: **data** communication systems; digital communication systems;
telecommunication networks; telecommunication services
Identifiers: WANS; wide area network services; intelligent gateways;
Local **Exchange** Carriers; LATA; **private** networks; **public** network;
integrated network node; digital cross-**connect** systems; digital **data**
services; subrate **data** multiplexing; ISDN
Class Codes: B6210 (Telecommunication applications)

DIALOG(R)File   2:INSPEC

03234938   INSPEC Abstract Number: D88002544
 Title: **Computer eavesdropping-fact or fantasy**
  Author(s): Beale, I.
  Journal: EDP Auditor Journal   vol.3   p.39-42
  Publication Date: 1988 Country of Publication: USA
  CODEN: EAJOEZ ISSN: 0885-0445
  Language: English   Document Type: Journal Paper (JP)
  Treatment: General, Review (G)
  Abstract: Equipped with a black and white television set, an antenna and
a small amount of **electronics** equipment it is possible to **display** the
information from the screen of a terminal located in a building over 300
metres away. This shows how easy eavesdropping can be, how inexpensive the
necessary equipment is and how readable the data received is. Clearly then,
senior management within many companies should be concerned about the
vulnerability of their systems and the information contained within them. A
broad range of information currently processed on computer systems is of a
confidential nature and needs to be stored and processed within a secure
environment. This type of information includes financial data, financial
projections, design data for new products, personnel records, bank
accounts, sensitive correspondence and competitive contract **bids** . Any of
this information may be valuable to eavesdroppers either for their own use,
or so that they can **sell** it to a **third** party. Another interested party
in this technology is the would-be hacker. By using eavesdropping
techniques, the hacker will be able to readily identify user ids and
passwords which are valid on client computer systems. This will be much
more efficient than the techniques currently used by hackers to identify
valid user **id** and password combinations. (0 Refs)
  Subfile: D
  Descriptors: data privacy; security of data
  Identifiers: eavesdropping; senior management; vulnerability; computer
systems; secure environment; financial data; design data; personnel records
; bank accounts; contract **bids** ; hacker; user ids; passwords
  Class Codes: D1060 (Security)

DIALOG(R)File   2:INSPEC

03209462   INSPEC Abstract Number: B88059423, D88002469
 Title: **Going** public-**merger plans for** private **circuits**
  Author(s): Muir, A.
  Journal: British Telecom Journal   spec. issue.   p.67-8
  Publication Date: June 1988 Country of Publication: UK
  CODEN: BTJODW ISSN: 0260-1532
  Language: English   Document Type: Journal Paper (JP)
  Treatment: General, Review (G)
  Abstract: **Private**   Circuits are **second** only to the **Public** Switched
Telephony Network (PSTN) in terms of product size and account for over 10
per cent of the turnover of British Telecom's inland services. Over the
past five years, the traditional analogue **private** circuit has been
complemented by new **digital** products marketed under the KiloStream and
MegaStream banners. KiloStream **offers**   the facility to transport
 digitally encoded signals at rates up to 64 kbit/s and consequently lends
itself to applications such as high-speed facsimile, slow scan TV, **data**
 and voice transmission. MegaStream **offers** a high capacity facility at 2
Mbit/s and above which can be used for applications such as the **linking**
of PABXs and videoconferencing equipment. Future developments will lead
towards a merger of **private**   and switched services to form a truly
Integrated Services **Digital** Network. (0 Refs)
  Subfile: B D
  Descriptors: **private** telephone **exchanges** ; telecommunication services;
telephony
  Identifiers: British Telecom; **private** circuits; KiloStream; MegaStream;

digitally encoded signals; high-speed facsimile; slow scan TV; voice
transmission; PABXs; videoconferencing equipment; Integrated Services
Digital Network
   Class Codes: B6210 (Telecommunication applications); B6210M (ISDN);
B6210P (Teleconferencing); B6230B (Electronic telephone exchanges); D4000
(Office automation - communications); D4070 (Telephone systems)

   24/5/24   (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC
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02325038   INSPEC Abstract Number: B84054177, C84046408, D84002581
 Title: **Viewdata-a** background
   Author(s): Patten, J.
   Journal: International Journal of Micrographics & Video Technology
vol.3, no.2   p.109-10
   Publication Date: 1984 Country of Publication: UK
   CODEN: IJMTDZ ISSN: 0743-9636
   U.S. Copyright Clearance Center Code: 0743-9636/84$3.00+0.00
   Language: English   Document Type: Journal Paper (JP)
   Treatment: General, Review (G)
   Abstract: Viewdata, or videotex, uses existing telephone lines and
television sets or monitors to permit two-way communication with a central
computer **database** , via landlines. Prestel-British Telecom's **public**
 information   service-provides a wide scope of **information** ranging from
news and sports results, weather and traffic reports, travel and shopping
guides to stock **exchange** quotations, commodity prices, and company
 information . The main growth in the use of viewdata has been in the
business market. Companies who need to communicate regularly with other
branches, sales forces or companies make use of the **electronic** mail
facilities, either Prestel's own Mailbox service or the more sophisticated
British Telecom system, Telecom Gold. There is an increasing number of
closed user groups and **private** viewdata services formed to provide
 information   to specific user groups. Travel agents are particularly well
serviced by videotex, not only by the travel **information** pages on Prestel
but also closed user groups **offering** bookings of airline seats, holidays,
hotels, etc. Other groups utilising these **information** services include
antique dealers, the road haulage **association** , the agricultural
community, health service, medical world, media **buyers** , motor dealers and
 public services. (0 Refs)
   Subfile: B C D
   Descriptors: electronic mail; viewdata
   Identifiers: travel industry; videotex; telephone lines; Prestel; **public**
 information service; news; sports results; weather; traffic reports;
travel; shopping guides; stock **exchange** quotations; commodity prices;
company **information** ; viewdata; business market; electronic mail; Mailbox;
British Telecom; Telecom Gold; closed user groups; **private** viewdata
services
   Class Codes: B6210G (Electronic mail); B6210K (Viewdata and teletext);
C7210 (Information services and centres); D4020 (Electronic mail); D4090
(Viewdata and teletext)

   24/5/25   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC
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00354966   INSPEC Abstract Number: B72008051, C72005648
 Title: **IBM 2750 voice and** data **switching system: system generation and**
simulation
   Author(s): Lake, D.S.
   Author Affiliation: IBM Centre d'Etudes Rechereches, La Gaude, France
   Journal: IEEE Transactions on Communication Technology   vol.COM-19,
no.6, pt.1   p.1157-63
   Publication Date: Dec. 1971 Country of Publication: USA
   CODEN: IETCAF ISSN: 0018-9332
   Language: English   Document Type: Journal Paper (JP)

Abstract: The IBM 2750 voice and **data** switching system is an **electronic** **private** branch **exchange** operating under stored program control. The voice switching capacity of the 2750 system allows **connections** to be made from any internal telephone set to another internal telephone set or to an external subscriber through the **public** switching network, directly or via an operator control desk. It **offers** a number of special voice facilities such as abbreviated dialling, add-on third party, and external number repetition. This paper describes the structure of the generalized program package and the technique used for the generation and simulation of personalized program packages.
   Subfile: B C
   Descriptors: automatic control; communications applications of control; **data** transmission equipment; **private** telephone **exchanges** ; simulation; switching systems; telephony
   Identifiers: add on third party system; IBM 2750; voice and **data** switching system; system generation and simulation; electronic **private** branch **exchange** ; stored program control; abbreviated dialling; external number repetition; local or remote **data** processing system; generalized program package; personalized program packages
   Class Codes: B6230B (Electronic telephone exchanges); B6230D (Other telephone exchanges); C3370C (Telephony)

24/5/26   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00484085   98NM01-002
  AutoMedia AutoMasker 1.5 -- Laying it on thick
   Murphy, Sam
   NewMedia , January 1, 1998 , v8 n1 p31-32, 2 Page(s)
   ISSN: 1060-7188
   Company Name: AutoMedia
   URL: http://www.autmedi.com
   Product Name: AutoMasker 1.5
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): B
   Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows
NT . .
   Geographic Location: United States
   Presents a very favorable review of AutoMasker 1.5 ($1,099.99), a Windows NT video **masking** tool from AutoMedia (972). Says it is a powerful program that can **mask** out even complex **backgrounds** by using a form of edge detection to **automate** the creation of an alpha channel from footage not shot on a blue-screen stage. Adds that it **offers** a straightforward interface, Photoshop-style tools that help with the fine-tuning of edges, immediate feedback through a **linked** preview, and a tutorial. Notes, however, that it cannot always get the edge right all the time. **Calls** it very functional. Rated five out of five points. Includes one screen **display** and a product summary. (dpm)
   Descriptors: Special Effects; Software Tools; Image Processing; Video Processing
   Identifiers: AutoMasker 1.5; AutoMedia

24/5/27   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00474676   97PI10-009
  Don't Netshop without it   ◦
   Krasnove, Brett
   PC Magazine , October 7, 1997 , v16 n17 p40, 1 Page(s)
   ISSN: 0888-8507
   Company Name: Netbot; PersonaLogic; Beacon **Research** Group
   URL: http://www.netbot.com http://www.personaligoc.com http://www.buye
rszone.com

Product Name: Jango; PersonaLogic; **BuyersZone**
Languages: English
Document Type: Buyer and Vendor Guide
Grade (of Product Reviewed): B; B; B
Geographic Location: United States
   Presents a **buyers** ' guide to three **online** shopping assistants for the
Internet. Jango (free) from Netbot (206) uses the MetaCrawler search
engine's technology to query a group of retail sites on the Net that are
chosen by Netbot. Products range from hardware to cigars and the query
results provide product reviews, pricing, and **secure** transaction
 information . PersonaLogic (free) from PersonaLogic provides step-by-step
decision guides that aid the user in locating the perfect product or
services. It will be licensed to corporate **Web** **sites** that want to
implement e-commerce catalogs. **BuyersZone** (free) from Beacon **Research**
 Group (617) **offers** **buyers** ' guides, **information** on industry
terminology, and bulletin boards where users can share purchasing problems
with their peers. It can also **link** users to vendors through site-managed
 electronic reply cards. Includes three screen **displays** . (djd)
   Descriptors: Electronic Commerce; Web Sites; Software Review; Online
 Information ; **Information** Services
   Identifiers: Jango; PersonaLogic; **BuyersZone** ; Netbot; PersonaLogic
; Beacon **Research** Group

 24/5/28   (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00421482   96LA04-406
   Notes in harmony -- Major Lotus revision delivers the groupware goods
   Harper, Eric
   LAN Times , April 29, 1996 , v13 n9 p67-69, 3 Page(s)
   ISSN: 1040-5917
   Company Name: Lotus Development
   Product Name: Lotus Notes
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): A
   Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows
   Geographic Location: United States
   Presents a very favorable review of Notes v4.0 ($69 for desktop
edition), groupware and messaging software from Lotus Development Corp. of
Cambridge, MA (800, 617). Says it is an essential upgrade that is easier to
use, more **secure** , has intranet and Internet **connectivity** , and **offers**
more features for users and developers. Adds that it allows embedding and
editing objects, has agents that perform powerful e-mail functions,
features **database** replication technology, and keeps **data** **secure** with
authentication, access control, field-level **privacy** , and **digital**
 signatures. **Calls** it a great way to integrate your **database** , e-mail,
and document management applications. Rated 4.5 out of five points, and
given the Best of LAN Times award. Includes a screen **display** , a summary
card, and a sidebar. (dpm)
   Descriptors: Groupware; Software Review; Messaging; Window Software
   Identifiers: Lotus Notes; Lotus Development

 24/5/29   (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00405247   95BY12-017
   Untangling wireless -- Tips on picking the right service for your
 unplugged applications
   Salamone, Salvatore
   BYTE , December 1, 1995 , v20 n12 p96NA1-96NA4, 3 Page(s)
   ISSN: 0360-5280
   Product Name: Cellular Digital Packet **Data**
   Languages: English

Document Type: Feature Articles and News
Geographic Location: United States
   Discusses factors to consider in choosing a wireless service, noting that services such as circuit-switched cellular, **private** packet radio, and Cellular **Digital** Packet **Data** (CDPD) are uniquely qualified for different types of applications. Specifies that an important advantage of circuit-switched cellular is its nationwide availability, and advises looking for a cellular modem that supports a common error-correcting technology which makes the cellular **link** more efficient. Explains that CDPD, which is based on TCP/IP, essentially **transmits** packets over unused portions of existing cellular network channels, and is appropriate if your application requires quick **connect** times. States that Ardis and RAM Mobile **Data** **offer** **private** packet radio in the U.S., and this technology **offers** quick **call** -setup time and is well suited to communications that generate short, bursty traffic, such as E-mail and **database** queries. Includes one table, one photo, one sidebar, and a list of vendors. (jo)
   Descriptors: Wireless Communication; Cellular Communication; **Data** Communication; Telecommunications; **Data** Transmission; Mobile Computing
   Identifiers: Cellular Digital Packet **Data**

  24/5/30   **(Item 5 from file: 233)**
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00372934   95DC01-110
 Networking Notes for the World
  Gareiss, Robin
  Data Communications , January 1, 1995 , v24 n1 p62-64, 3 Page(s)
  ISSN: 0363-6399
  Company Name: Compuserve
  Product Name: Lotus Notes **Information** Service
  Languages: English
  Document Type: Software Review
  Grade (of Product Reviewed): A
  Hardware/Software Compatibility: IBM PC Compatible; Lotus Notes
  Geographic Location: United States
  Presents a favorable review of the Lotus Notes **Information** Service ($22.80 per hour of domestic **connection**), an applications-based **public** network **offering** from CompuServe of Columbus, OH (614). Says it has two segments: the **public** segment which allows end-users access to a range of news feeds and **online** services in Notes format and includes messaging gateways to **public** e-mail services and the Internet; and the **private** segment which lets customers store **information** on its network and manages billing, customer service, and access to the pooled **information** . **Calls** the service a product that enables ``better communications with fewer hassles.'' Includes a diagram. (dpm)
   Descriptors: Online Systems; Software Review; Groupware; **Information** Services; Network Management; Electronic Mail
   Identifiers: Lotus Notes **Information** Service; Compuserve

  24/5/31   **(Item 6 from file: 233)**
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00298021   92WS12-102
  Off- exchange trading chips away at NYSE volume -- As off- exchange volume gradually grows, the structure of the US stock market and the role of the New York Stock Exchange may be ...
  Schmerken, Ivy
  Wall Street Computer Review , December 1, 1992 , v10 n4 p42-448, 6 Page(s)
  ISSN: 0738-4343
  Languages: English
  Document Type: Feature Articles and News

Geographic Location: United States
   Presents an overview of alternative trading venues for transactions in
New York Stock **Exchange** (NYSE)-listed stocks such as third-market firms,
electronic crossing networks and internal order- **matching** systems.
Examines factors spurring the migration of institutional investors toward
off- **exchange** trading networks. Discusses various incentives **offered** by
third-market firms, whose clients include leading NYSE members, to
investors in general; examines operations of several third-market and off-
exchange trading firms. Discusses how the growing demand for off-
exchange services along with NYSE's reaction to the increase in off-
exchange trading of its securities might affect the structure of the US
equity markets. One sidebar takes a look at the impact of third markets
while another examines a practice of the NYSE in which it withholds quotes
between best **bids** and **offers** from the trading **public** . Includes four
photos. (PAM)
   Descriptors: Online **Information** ; Competition; Stock Market; **Trade
 Secrets**

 24/5/32   (Item 7 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00246043   91PK08-308
   CallerID+Plus fills the bill as an electronic secretary
   Methvin, Dave
   PC WEEK , August 26, 1991 , v8 n34 p29, 37, 2 Pages
   ISSN: 0740-1604
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): b
   Hardware/Software Compatibility: IBM PC
   Geographic Location: United States
   FIRST LOOK feature presents a favorable review of CallerID+Plus ($295),
a contact-management package from Rochelle Communications Inc., Austin, TX
(800). Says when used in local telephone service areas where a ''caller **ID**
'' function is available, the program effectively serves as an **electronic**
 secretary, identifying and logging incoming phone **calls** regardless of
whether the users answers them. Says in testing, the 52K
terminate-and-stay-resident (TSR) program correctly identified callers by
phone number and, in some cases, by name, from the caller **ID** signals sent
through the phone line. Says it is useful for managing incoming **calls** ,
but does little to track outgoing **calls** . Notes it use is limited because
only one-**third** of the 108 million telephone lines in the US are equipped
to **offer** caller **ID** services. Includes one screen **display** . (kes)
   Descriptors: Telecommunications; Management; Software Review;
 Telephone; Personal Information Manager; Sales; Productivity Software
   Identifiers: CallerID+Plus; Rochelle Communications

 24/5/33   (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2001 The HW Wilson Co. All rts. reserv.

1532321 H.W. WILSON RECORD NUMBER: BAST94073009
Do you want the phone co. to run your LAN?
Schlack, Mark;
Datamation v. 40 (Dec. 15 '94) p. 38-9+
DOCUMENT TYPE: Feature Article ISSN: 0011-6963 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: Within the next year or two, long-distance carriers will be
selling LAN services over the **public** telephone network. AT&T, for
example, has partnered with Novell and hopes to launch a new service
dubbed AT&T NetWare **Connect** next year. Sprint has opted for the TCP/IP
route, overlaying a **public** **data** service on the Internet through
SprintLINK. Assuming carriers and their computer industry partners can
create the requisite responsiveness, economics, reliability, and security,

their **offerings** could provide at least three advantages over today's **private** corporate **data** network: Companies would be able to **link** a large number of small sites to headquarters without dedicating a lot of expensive staff, create a relatively **secure** network outside their own domain where they could do business **electronically** with select partners, and create an **electronic** storefront where customers could get **information** and order products. The development of **public** **data** services is examined.

DESCRIPTORS: LAN servers; Telephone companies--Service;